

April 1, 2010 NIST Smart Grid Privacy Subgroup Meeting Notes

Minutes by Rebecca Herold

Please send this distribution list any necessary corrections or additions.

We are a diverse group, with often differing viewpoints, but our collaboration and **respectful** consideration of all viewpoints will result in a much more valuable privacy chapter.

Next full group meeting:

Thursday, April 8, 2010 at 11:00am est

Here are my summary notes from this week's meeting:

1) Miscellaneous Information

- Over 400 participants are in all the NIST Smart Grid subgroups; around 60 in the privacy subgroup
- The face-to-face meeting is planned for June 2 – 3 2010, at the Cisco offices in Herndon, VA.
- Review timeline for completing Privacy Chapter:
 - Each team complete content creation/update work by May 3 to incorporate into one document.
 - All privacy subgroup review this resulting updated chapter document, discuss, provide feedback and make any necessary changes.
 - Submit to Annabelle and Tanya for their final edits by May 30.
 - Current plans are for final NISTIR 7628 will be published in June.
 - We will review full chapter draft at the face-to-face June 2 & 3.
- Weekly team meeting times
 - Team 2 Legal and Regulatory Issues: Wednesdays at noon eastern
 - Team 3 Use Cases: Thursdays at 10:00am eastern
 - Team 4 Expanding Upon Existing Privacy Issues: Wednesdays at 1pm eastern
 - Teams 1 & 5 will soon send their sections for full group review
- Be sure to refer to the energy terms definitions Mark sent last week. Ken Wacks offered to take questions directly about the ISO terms that are defined within that document if anyone has questions.
- ***NOTE: Rebecca will post to the twiki the goals for, and mission statement of, the privacy group that was established last year. Everyone needs to know and understand these when working on the content.***

2) Team 1: General Privacy Discussion

- Team 1 update on work so far: Rebecca Herold
- Team will have meeting on Friday April 2.

- UPDATE: We will send the draft of the introductory privacy discussion section to the full group on April 6.

3) Team 5: Definitions

- Team 5 update on work so far: Rebecca Herold
- Team will have meeting on Friday April 2.
- UPDATE: We will send the draft of the section defining the privacy terms to the full group on April 6.

4) Team 2: Legal & Regulatory

- Team 2 update on work so far: Sarah Cortes
- Section will not reference pending bills; the section will be a privacy frameworks discussion type of section.
- Billing systems info has laws that protect that information, and that info will not be in smart grid.
- Team will review and update existing privacy laws in the table from the latest considered draft (that was not in the published version of the chapter) and use as an educational part of the document.
- Discuss law enforcement issues.
- No existing laws are explicit to smart grid privacy, but there are many that may apply to the smart grid.
- Lillie: Area of personally identifiable information is evolving because of the information age and evolving terminology. There will be additional information that emerges. PII items defined under laws will grow as drawn from the larger personal information.

5) Team 3: Use Cases

- Team 3 update on work so far: Gail Magnuson
- Team is categorizing use cases from small providers and those that are associated with usage. Goal is to look at particular cases using the ISPTA model.
- Looking at data associated, actors, data subjects involved, distribution.
- Took a deep dive, courtesy of Lillie, to the ISPTA model and looking at various business models of those entities involved in the smart grid. E.g., utility, application vendor, a third party down the line, others that may have a vested interest.
- Goal of identifying issues, and also summarizing how to integrate the elements of good privacy practices
- Put Frances on the Team 3 distribution list.

6) Team 4: Expansion of Privacy Concerns and Issues

- Team 4 update on work so far: Eric Ackerman
- For next week, Eric is focusing on set of issues from past few weeks. Tasks are to research war driving and meter cloning. Also researching distributed generation, and

how data gets communicated to the smart grid. Also considering, what are scenarios for data to be accessed without authorization?

- Other folks on the team are looking at issues related to social networks, looking generally at unauthorized access by third parties. Also law enforcement and government access.
- Beyond next week, team will look at the PIA and how to simplify, if appropriate and possible, the communication of the information. Write to non-privacy people.
- Frances: Distributed Energy Resources (DERs) have many different configurations. What about bidding your DER into the market? Bid data has personal information? How will it be done?
- Ken Wacks: Collecting information wirelessly is pretty common. One issue is about what data to collect in the first place, and how long to retain it.
- Not sure who said this: Distributed generation data will be collected in many different ways. Configuration is not that important from a privacy view, is it?
- Eric: From a utility point of view data often needs to be available for a very long time.
- Lillie: All these questions relate to the PIA and to FIPs. Privacy issues are overwhelmingly related to controls. The PIA helps you think about privacy controls and privacy decision-making.
- We had a good discussion about confidential versus privacy information.
- ***NOTE: Please see the privacy terms definitions next week to see if establishing the definitions, which will show the differences between these concepts, at the beginning of the chapter will help with the related concerns.***
- There is a distinct definition of privacy of customers; under customers are households and business customers.
- Christine H: Privacy is an individual concern; confidentiality is more of a business/corporate concern.

We look forward to hearing all your thoughts and views and seeing everyone participate in respectful debate on any issues where there may be differences of opinions.

We are a very diverse group, coming from many different perspectives, which is fantastic for our group's goal of creating feasible, practical, privacy suggestions that will be of most value...to consumers, utilities, vendors, and all others that are part of the Smart Grid...to all our privacy chapter readers! And, to those lawmakers and standards makers who will use our document in making strong policies and regulations.

Thanks!

Rebecca